

551, 235

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number  
**WO 2004/084645 A2**

(51) International Patent Classification<sup>7</sup>: **A23K 1/17**, A23L 3/3535, A61P 31/10, C02F 1/50, A61K 31/255, A01N 59/02, A61P 33/00, 31/04, 33/02

(21) International Application Number:  
**PCT/GB2004/001408**

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0307079.4 27 March 2003 (27.03.2003) GB

(71) Applicant (for all designated States except US): **STONE ISLAND HOLDINGS LTD [GB/GB]**; Half House, Military Road, Rye, East Sussex TN31 7NY (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BENNETT, Norman, John [GB/GB]**; C/O Stone Island Holdings Ltd, Half House, Military Road, Rye, East Sussex TN31 7NY (GB). **JOSLING, Peter, David [GB/GB]**; C/O Stone Island Holdings Ltd, Half House, Military Road, Rye, East Sussex TN31 7NY (GB).

(74) Agent: **BROOKES BATCHELLOR LLP**; 102-108 Clerkenwell Road, London EC1M 5SA (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/084645 A2

(54) Title: USE OF ALLICIN AS PRESERVATIVE, AS DISINFECTANT, AS ANTIMICROBIAL OR AS BIOCIDAL AGENT

(57) Abstract: The present invention provides the use of allicin in (i) the treatment of leishmaniasis; (ii) as a disinfectant or biocidal treatment of aquatic species; (iii) as an antimicrobial agent for animal feed; (iv) as a preservative agent in foodstuffs; (v) as a water disinfectant or biocide; (vi) as an antiparasitic treatment or antibacterial treatment for bees (apis); or (vii) in the preparation of a medicament for the treatment of Glycopeptide Intermediate Resistant Staphylococcus Aureus.